As a below na	med inventor, I hereby declare that:
- 1	n is of the following type:
ANG 3 0 2004 DE	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
am the origina inventor (if plu	post office address and citizenship are as stated below next to my name. I believe I il, first and sole inventor (if only one name is listed below) or an original, first and joint aral names are listed below) of the subject matter which is claimed and for which a not on the invention entitled:
METHOD O	F DEPOSITING AN AMORPHOUS CARBON FILM FOR METAL ETCH HARDMASK APPLICATION
	SPECIFICATION IDENTIFICATION
The specificati	on of which:
	is attached hereto was filed on March 12, 2004, under Serial No. 10/800,112, executed on even date herewith; or  Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT  Article 19 on
A	CKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	that I have reviewed and understand the contents of the above-identified specification, laims, as amended by any amendment referred to above.
with Title 37, application; na	the duty to disclose all information I know to be material to patentability in accordance Code of Federal Regulations, §1.56, and which is material to the examination of this amely, information where there is a substantial likelihood that a reasonable Examiner it important in deciding whether to allow the application to issue as a patent, and
	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

	$\boxtimes$	No such a	applications have be	een filed.		
		Such app	lications have been	filed as follows:		
A.				led within 12 mos. ( under 35 U.S.C. §11		ign) prior to this
	Cour	try/PCT	Application No	Date Filed	<u>Pr</u>	iority Claimed
						Yes No Yes No Yes No
В.		eign applic	ation(s), if any, file	ed more than 12 mos	. (6 mos for des	sign) prior to this
	Country Applica Filing of	ition No:				
c.	U.S. Pi	ovisional a	Application filed w	ithin 12 months prio	r to this applica	tion
	Serial	No.		Filing Date		
			PRIORITY C	LAIM (35 U.S.C. §120	))	
applica listed b in that/ States of this Examin which o	tion(s) o elow and those pi Code, § applica er would occurred	r PCT inter d, insofar as rior applica 112, I acknotion (name d consider i	national application s the subject matter tion(s) in the manr owledge the duty to ly, information what important in decide the filing date of the se filing date of the	, United States Coc (s) designating the Ur of each of the claims her provided by the fi disclose information the ere there is substan- ing whether to allow the prior application(s) and	nited States of A of this application rst paragraph of that is material to tial likelihood to e application to	nmerica that is/are on is not disclosed of Title 35, United to the examination that a reasonable issue as a patent)
	$\square$		pplications have be cations have been			
	Sorial N	lo Eil	ina Data	Patented	Status	Abandoned
	Serial N	<u>10</u> . <u>F11</u>	<u>ing Date</u>	<u>Patented</u>	<u>Pending</u>	Abandoned

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken Registration No. 33,217 Peter J. Sgarbossa Registration No. 25,610 Raymond Kam-On Kwong Registration No. 37,165 Joseph Bach Registration No. 37,771 James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 B. Todd Patterson Registration No. 37,906 Raymond R. Moser, Jr. Registration No. 34,682 Keith M. Tackett Registration No. 32,008

Send correspondence to: Direct telephone calls to:

Patent Counsel Applied Materials, Inc. P.O. Box 450-A Santa Clara, CA 95052 B. Todd Patterson Moser, Patterson & Sheridan, L.L.P.

(713) 623-4844

### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first inven	tor: YUXIA	ING MAY WANG	
Inventor's signature:		200	Date: 03/18/04
Residence:	2569 Marshall	Drive	/ /
Post Office Address:	Palo Alto, Calif		
		Country of Citizenship: CI	HINA P.R.
Full name of second in	ventor: DAVID	R. BITTRICH	
Inventor's signature:			Date:
Residence:	25 McAker Cou	ırt #115	
Post Office Address:	San Mateo, Ca		
Post Office Address.		Country of Citizenship: U.	S.A
Full name of third inven	tor: CHRIS	TOPHER DENNIS BENCH	IER
Inventor's signature:			Date:
Residence:	1251 Hazlett Co		
Post Office Address:	San Jose, Calif Same as above		
Fost Office Address.		Country of Citizenship: UN	NITED STATES

Full name of fourth inv	entor: HERA	LDO L. BOTELHO	
Inventor's signature: Residence:	1050 Borregas	Avenue #26	Date:
Post Office Address:		e.	7 A 7 II
	U.S.A.	Country of Citizenship: BR	HAZIL
Full name of fifth inven	tor: SUDHA	A S.R. RATHI	
Inventor's signature:			Date:
Residence:	2748 Westberry	/ Drive	
Doot Office Address	San Jose, Calif		
Post Office Address:		Country of Citizenship: UN	NITED STATES
Full name of sixth inver	ntor: MICHA	EL CHIU KWAN	
Inventor's signature:			Date:
Residence:	824 Corvallis Di Sunnyvale, Cali		
Post Office Address:			
	U.S.A.	Country of Citizenship: UI	NITED STATES



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A.				iled within 12 mos. (6 s under 35 U.S.C. §119		) prior to this
	Cour	ntry/PCT	Application No	Date Filed	<u>Priori</u>	ty Claimed
					□ Y	es  No es  No es  No
В.		eign applic	cation(s), if any, fi	ed more than 12 mos.	(6 mos for desigr	n) prior to this
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C.	U.S. P	rovisional	Application filed v	vithin 12 months prior	to this applicatio	n
	<u>Serial</u>	No.	,	Filing Date		
			PRIORITY	CLAIM (35 U.S.C. §120)		
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			applications have be lications have been			
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Full name of first inve	ntor: YUXIANG MAY WANG		
Inventor's signature:		Date:	
Residence:	2569 Marshall Drive		
	Palo Alto, California 94303		
Post Office Address:	Same as above.		
	U.S.A. Country of Citize	nship: CHINA P.R.	
Full name of second in	nventor: DAVID R. BITTRICH		
Inventor's signature:	Dul R Bittel	Date: 3/30/04  540 1/2 W. Washington Av.  Madison, WI 53703	
Residence:	-25 McAker Court #115-	- 5 40 1/4 11 11 die des Av	, #5
	-San Matoo, California 94403	DI) 340 /2 W, Washington /1V	_
Post Office Address:	Same as above.	Madison, WI 53703	
	U.S.A. Country of Citize	nship: U.S.A	
Full name of third inve	entor: CHRISTOPHER DENNIS	BENCHER	
Inventor's signature:		Date:	
Residence:	1251 Hazlett Court		
	San Jose, California 95131		
Post Office Address:	Same as above.		

Full name of fourth inventor: **HERALDO L. BOTELHO** Inventor's signature:\_ Date:\_ 1050 Borregas Avenue #26 Residence: Sunnyvale, California 94089 Post Office Address: Same as above. U.S.A. Country of Citizenship: BRAZIL Full name of fifth inventor: SUDHA S.R. RATHI Inventor's signature:\_ Date: 2748 Westberry Drive Residence: San Jose, California 95132 Post Office Address: Same as above. U.S.A. Country of Citizenship: UNITED STATES Full name of sixth inventor: MICHAEL CHIU KWAN Inventor's signature:\_ Date:\_ Residence: 824 Corvallis Drive Sunnyvale, California 94087 Post Office Address: Same as above. U.S.A. Country of Citizenship: UNITED STATES

(DECLARATION ENDS WITH THIS PAGE)



611- "		
	As a below na	med inventor, I hereby declare that:
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					☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No
В.		eign appli pplication	cation(s), if any, f	iled more than 12 mos. (	6 mos for design) prior to thi
	Countr Applica Filing o	ation No:			
C.	U.S. P	rovisional	Application filed	within 12 months prior t	o this application
	<u>Serial</u>	No.		Filing Date	
			PRIORITY	CLAIM (35 U.S.C. §120)	
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	$\square$		applications have b lications have bee		
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Full name of first inven	tor: YUXIANG MAY WANG	
Inventor's signature:		_ Date:
Residence:	2569 Marshall Drive	
	Palo Alto, California 94303	
Post Office Address:	Same as above.	
	U.S.A. Country of Citizenship: C	CHINA P.R.
Full name of <b>second</b> in	ventor: DAVID R. BITTRICH	
Inventor's signature:		Date:
Residence:	25 McAker Court #115	
	San Mateo, California 94403	
Post Office Address:	Same as above.	
	U.S.A. Country of Citizenship: U	J.S.A
Full name of <b>third</b> inver	ntor: CHRISTOPHER DENNIS BENC	HER ,
	11/1	Date: 6/23/04
Inventor's signature:	me em	_ Date:
Residence:	1251 Hazlett Court	
	San Jose, California 95131	
Post Office Address:	Same as above	

Full name of fourth inve	entor: HERAL	DO L. BOTELHO			
Inventor's signature:			_ Date:		
Residence:	1050 Borregas Sunnyvale, Cali				
Post Office Address:	Same as above	·.			
	U.S.A.	Country of Citizenship: B	RAZIL		
Full manner of Efficiences	to CUDIII	A C D DATIU			
Full name of <b>fifth</b> inven					
	Sudha	Rathi	_ Date:	6-24-04	
Residence:	2748 Westbern				
	San Jose, Calif				
Post Office Address:					
	U.S.A.	Country of Citizenship: U	NITEDS	TATES	
Full name of <b>sixth</b> inver	ntor: MICHA	EL CHIU KWAN			
Inventor's signature:			_ Date:		
Residence:	824 Corvallis D				
	Sunnyvale, Cal				
Post Office Address:	Same as above				
	U.S.A.	Country of Citizenship: \	JNITED S	STATES	



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A. Prior foreign/PCT application(s) filed with application, and any priority claims under						design) prid	or to this
	Cour	try/PCT	Application N	o <u>Date</u>	Filed	Priority Cla	aimed
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entor: nena	LDO L. BOTELHO		
the let	BLU	Date: 03/20/20	04
1050 Berreges Sunnwale Cal	Avenue #26 Zo ki		•
		_	03/20/04
U.S.A.	Country of Citizenship	o: BRAZIL	
tor: SUDHA	A S.R. RATHI		
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	2748 Westberry San Jose, Calif Same as above U.S.A.  1050 Berregro Sunnyvalo, Calif Same as above U.S.A.  107: SUDHA  10824 Corvallis Di Sunnyvale, Calif Same as above Sunnyvale, Calif Same as above Same as above Same as above	1050 Borreges Avenue #26 20 km Sunnyvalo California 94089 PALO Same as above. U.S.A. Country of Citizenship for: SUDHA S.R. RATHI  2748 Westberry Drive San Jose, California 95132 Same as above. U.S.A. Country of Citizenship for: MICHAEL CHIU KWAN  824 Corvallis Drive Sunnyvale, California 94087 Same as above.	Date: 03/20/20  1050 Borroages Avenue #26 Zo kiR87 PL.  Sunnyvale, California 94089 PALO ALTO, CA 94301 Same as above.  U.S.A. Country of Citizenship: BRAZIL  tor: SUDHA S.R. RATHI  Date:  2748 Westberry Drive San Jose, California 95132 Same as above.  U.S.A. Country of Citizenship: UNITED STATES  ator: MICHAEL CHIU KWAN  Date:  824 Corvallis Drive Sunnyvale, California 94087 Same as above.



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	Serial i	10. FI	iing Date	ratented	rending Abandone	·u

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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#### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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